

**Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.**  
**All notices contained herein must comply with the nondiscriminatory principles of the Federal Equal Opportunity Program.**  
**Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.**  
**URL: <http://www.lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)**  
**Deadline for Official/Unofficial notices - Monday, 9 a.m.**

O F F I C I A L

**LAUNCH VIEWING:** Rooftops are OFF LIMITS to normal access, including during launches. Many rooftops are of the “soft” construction variety, and will not support a person’s weight without damage. DO NOT walk out onto rooftops, unless they have been specifically cleared for unescorted access. (EI-C)

**PHILATELIC SERVICES:** KSC personnel are reminded requests for cancellations for Shuttle launches and/or landings should be delivered or mailed directly to ATS Mail Services, KSC Headquarters, Room 1546, or OSB, Room 1207, prior to requested cancellation date. Envelopes that are mailed should be placed in another envelope or other appropriate wrapping and addressed to ATS. Envelopes arriving loose in the mail system risk being cancelled the same day they are received if the request for cancellation service is not clear. Do not deliver or mail requests to the KSC Post Office. Direct questions to ATS, 867-2414. (FF-S2-A)

**SECURITY NOTICE - GATE ACTIVATIONS/ROAD CLOSURES FOR LAUNCH OF STS-95:**

GATE ACTIVATIONS:

Launch minus 6 days through Launch:

Gate 4TT (west S.R. 402): Open to badged personnel only.

Gate 6TT (north S.R. 3): Open to badged personnel only.

Launch Day through Launch:

Expect delays at outer perimeter gates due to special vehicle checks.

ROAD CLOSURES:

Launch minus 6 days through Launch:

Phillips Parkway is closed to Private Vehicles from Saturn Cswy. to Complex 41.

Launch minus 5 hours through Launch:

Static Test Road north to Schwartz Road and Schwartz Road from Static Test to the Landfill.

“H” Avenue north street and NASA Cswy: Closed until viewing sites are clear (approximately 1 hour) after launch.

Launch minus 2 hours:

Gate 6TT (south of Haulover Canal Bridge): S.R. 3 closed between Haulover Canal Bridge and Wilsons Corner (S.R. 402) to north and southbound traffic. Employees should use Gate 4TT (S.R. 402) for KSC access.

Launch minus 2 minutes:

Gate 4TT to Wilsons Corner: Closed to east and west traffic for approximately 10 minutes.

Gate 2C north to Saturn Causeway and Kennedy Parkway: Closed to north and south traffic for approximately 10 minutes.

After Launch or a Launch Scrub:

NASA Causeway at E Avenue: Closed to eastbound traffic for 2 hours.

NASA Causeway at Hangar Road: Closed to westbound traffic for 2 hours.

Kennedy Parkway onto NASA Causeway eastbound: Closed for approximately 2 hours after launch. Use Gate 2A at Kennedy Parkway and 5th Street to enter Industrial Area.

ADDITIONAL INFORMATION:

Launch minus 5 hours: The speed limit on NASA Causeway adjacent to the Banana River Viewing Area is 25 mph. This speed limit will be strictly enforced.

Gate closures/relocations are subject to change due to operational constraints. (FF-S1)

**OCTOBER HEALTH EDUCATION AND WELLNESS PROGRAM—OVER-THE-COUNTER AND PRESCRIPTION DRUGS:** Drugs are so common in our lives today, that sometimes we don’t stop to think how often, and how casually, we take them. All medicines are double edged-swords. They can alleviate symptoms and in some cases cure disease. Hopefully, when you take a drug it will fulfill the primary function for which it was intended. Each of us has a unique way of responding to drugs, and reactions to a certain drug are not the same for everyone. It is important you take medications exactly as the doctor prescribed and not share them with anyone. October’s packet will contain information on the many different kinds of medications, how your body metabolizes them, the side effects and drug interactions, generic vs. brand-name, what to ask your doctor and pharmacist about the drugs you are taking, the effects of some food on drugs, and how to keep your medicine chest safe. Packets will be available at all medical facilities and upon request to Carol Roth, BOC-005, 867-3414 or 867-2026. (JJ-C)

**EXPO ‘98:** Mark your calendars for the Business Opportunities Expo being held on Wednesday, November 4, 1998, from 9 a.m. until 3 p.m. at Cruise Terminal No. 10, Port Canaveral, Florida. This trade fair is intended to acquaint the buyers, engineers, and technical representatives with businesses which may be able to provide alternate sources of supplies/services. Both Government and contractor personnel are encouraged to visit the Expo. Over 200 exhibitors, 19 of which provide recycled products, will be present. Many exhibitors offer free promotional give-a-ways and the U. S. Environmental Protection Agency is offering an opportunity to win a \$200,000 house in celebration of America Recycles Day. There is no entrance fee. For additional information, contact the Industry Assistance Office, 867-7353. Bus service will be available beginning at 8:30 a.m. and will run continuously until 3 p.m. This service will provide transportation to and from the Cruise Terminal. The three points of service are: (1.) the east side of the Operations Support Building; (2.) the Headquarters Building; and, (3.) the E&L Building (HQ bus will stop at the E&L Building in route).

HQ (E&L in route)	
OSB-east side)	
To Cruise Terminal	From Cruise Terminal
8:30 a.m.	9:00 a.m.
9:30 am.	10:00 a.m.
10:30 a.m.	11:00 a.m.
11:30 a.m.	12:00 noon
12:30 p.m.	1:00 p.m.
1:30 p.m.	2:00 p.m.
2:30 p.m.	3:00 p.m. (OP)

**EMPLOYEE ASSISTANCE PROGRAM:** All employees are reminded the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (JJ-C)

**VOLUNTARY LEAVE TRANSFER PROGRAM:** The leave transfer program is one of the most popular benefits. To qualify for this program, an employee must establish the existence of a medical emergency (for self or family members) which is expected to result in a requirement for at least 3 days of leave without pay, after the use of existing annual and/or sick leave (earned, not advanced). Leave transfer requests must include documentation from a physician on the medical condition and an estimate of the employee’s projected length of absence. If an employee wishes his/her participation in the program announced in the KSC Bulletin, or within his/her organization, he/she may include such a statement in the letter of request. Affected employees would normally initiate requests for a declaration of a medical emergency through supervisory channels; however, if they are unable to do so, their supervisor, family members, or co-workers may initiate the request. Employees wishing to donate leave may do so, subject to certain restrictions. Only earned annual (or restored) leave may be donated, and total donations of leave may not exceed one half of that which would be earned in the remainder of the current leave year. Employees wishing to donate leave are strongly encouraged to donate at least 8 hours at a time, since the effort involved in processing leave transfers is significant. Leave donor forms are available in the HM-A-3 Office and in most Administrative Offices. Donations of leave should be sent directly to HM-A-3, Room 1416, Headquarters Building. Requests for leave transfer are treated as confidential, unless the employee states otherwise. The names of donors are anonymous and will not be released except as needed to process the donation. If you have questions about the program, you may call Kathy McIntosh at 867-2504 or stop by the Personnel Office Operations Branch, HQ, Room 1404. (HM-A-3)

**KSC LIBRARY:** The following documents, specifications and standards are available in the KSC Documents Library, HQ, Room 1124:

ANSI-Z136.2-1997	American National Standard for Safe Use of Optical Fiber Communication Systems Utilizing Laser Diode and LED Sources
ANSI-A358.1-1998	Emergency Eyewash and Shower Equipment
FLA-DOT-850-010-031-A	Bridge Operations and Maintenance Manual
NASA-CP-10152:	Analysis of Returned Comet Nucleus Samples
NASA-CP-208442:	Advanced Technology for Engineering Education
NASA-CP-208524:	Satellite Networks: Architectures, Applications, and Technologies
NASA-CP-208536:	The 1997 NASA Aerospace Battery Workshop: Proceedings of a Workshop Sponsored by the NASA Aerospace Flight Battery Systems Program and held in Huntsville, Alabama, November 18-20, 1997
NASA-MAH-09:	NASA's Origins and the Dawn of the Space Age
NASA-MAH-10:	U. S. Human Spaceflight: A Record of Achievement, 1961-1998
NASA-TM-104827:	Johnson Space Center Research and Technology 1997 Annual Report
NASA-TM-206565:	Flight Stability and Control and Performance Results from the Linear Aerospike SR-71 Experiment (LASRE)
NASA-TM-207911:	Protocol Development for the NASA-JSC Lunar-Mars Life Support Test Project (LMLSTP): Phase III Project: A Report on Baseline Studies at KSC for Continuous Salad Production
NASA-TM-207912:	Monitoring Direct Effects of Delta, Atlas, and Titan Launches from Cape Canaveral Air Station
NASA-TM-207913:	Development of Algorithms and Error Analyses for the Short Baseline Lightning Detection and Ranging System
NASA-TM-208451:	NASA Langley Highlights 1997
NASA-TM-208532:	NASA's Microgravity Technology Report: 1997 Summary of Activities
NASA-TM-208533:	Interplanetary Mission Design Handbook: Earth-to-Mars Mission Opportunities and Mars-to-Earth Return Opportunities 2009-2024
NASA-TM-208538:	International Space Station Electrodynamic Tether Reboost Study
NASA-TM-208539:	Final Report on Life Testing of the Vapor Compression Distillation/Urine Processing Assembly (VCD/UPA) at the Marshall Space Flight Center (1993-1997)
NASA-TM-208594:	Comprehensive Structural Dynamic Analysis of the SSME/AT Fuel Pump First-Stage Turbine Blade
NASA-TP-208429:	Quantitative Examination of Corrosion Damage by Means of Thermal Response Measurements
NIOSH-98-126	Criteria for a Recommended Standard: Occupational Noise Exposure (FF-S2-A)

**RETIREMENT:** Individuals contemplating retirement should contact Sharon Lowry, Retirement Counselor, Personnel Office Benefits Team, 867-2514, for an appointment at least 30 days prior to their projected retirement date. (HM-A-3)

**REQUESTS FOR NONSTANDARD FILING SUPPLIES:** Requests for "hanging" file folders (such as Pendaflex, or equal) will not be approved for general use at KSC. These nonstandard folders and their supporting frames are expensive and consume approximately one-third more file space than the standard filing supplies approved by General Services Administration (GSA). The purchase of nonstandard items is prohibited unless justification for exception, e.g., when standard items will not meet the storage and retrieval requirements of the user, is submitted and approved. (FF-S2-A)

**CCAS VEHICLE FUELING STATION:** The CCAS Vehicle Fueling Station will be closed from 8 p.m. Saturday to 8 a.m. Sunday on the third Saturday of every month to conduct environmental testing. Refer questions to Mr. Ed Carver, 45CES/CEV, 494-9272. (FF-S1-B)

**KSC SCHOOL PC DONATION PROGRAM:** Software, manuals, mouses, keyboards, and, especially, power cords and cables for older model PCs are needed; also, the program can use outdated printer ribbons and used floppies. Please send to D. Hendriksen, mailcode: AF, 867-2551. (AF)

**OIG:** The Office of the Inspector General is the focal point within NASA for conducting audits and investigations to promote economy and efficiency and to prevent and detect fraud and abuse in NASA programs and operations. The OIG receives and investigates complaints or information about inefficiencies, mismanagement, or gross waste of funds; possible violations of law, rules, or regulations by NASA employees, contractors, or others; or substantial and specific danger to the public health and safety. The Inspector General will not disclose the identity of a person who provides such information without that person's permission, unless the Inspector General determines that disclosure is unavoidable during the course of investigation. NASA employees are protected by law from reprisal for making complaints or disclosing information to the Inspector General. At Kennedy Space Center, call: 867-4714 or 867-4664, or call toll free: 1-800-424-9183, 24-hour answering service, or write: NASA Inspector General, P.O. Box 23089, L'Enfant Plaza Station, Washington, DC 20024. (OIG)

**KSC RIDESHARING PROGRAM:** The KSC Ridesharing Program assists you in joining existing car/van pools or forming new ones. Forms for the Ridesharing Program are available by calling 867-3420. The information provided on the forms will be fed into a computer which matches people by residential areas and compatibility of work hours. Each person responding will be sent a list of potential car or van poolers. The Brevard County Space Coast Area Transit provides the listings. (FF-S2-D)

**NASA SCIENTIFIC AND TECHNICAL INFORMATION:** The NASA STI Program Home Page on the World Wide Web is accessible at URL <http://www.sti.nasa.gov>. The NASA STI Program provides ready access to over three million aerospace and related citations. This service is run by the NASA Center for AeroSpace Information (CASI) for the lead NASA Center, Langley Research Center. (FF-S2-A)

**EMPLOYEES WITH DISABILITIES:** Employees with special transportation needs may call 867-7685 for intra-Center transportation. Transportation will be provided from 7:30 a.m. to 4:00 p.m., Monday through Friday, on an as-called basis. For additional information, call 867-2307, Equal Opportunity Office. (AJ)

**KSC LIBRARY:** The NASA-Wide Library catalog, NASA GALAXIE, is available to KSC civil service and contractor personnel via the World Wide Web. The URL is <http://nasagalaxie.larc.nasa.gov/>. Click on the drop down menu, choose KSC, then click on ENTER NASA GALAXIE. (FF-S2-A)

**COMPETITIVE PLACEMENT PLAN - JOB OPPORTUNITIES:**

Annct. No.	Position & Grade	Area of Consideration	Open/Close Date	Location
RON 64-98	(2) Pollution Prevention and/or Water Resources Management, GS-11/12/13/14	NASA/KSC Civil Service Employees	10-19-98/10-30-98	JJ
RAN 1-99	Aerospace Technologists (ASTs), GS-12/13/14	"	10-26-98/11-9-98	LO-G4-E
RAN 2-99	Logistics Management Specialists, GS-346-7/9/11/12/13	"	10-26-98/11-9-98	LO-N1
RAN 3-99	Pollution Prevention and/or Water Resources Management, GS-11/12/13/14	"	10-19-98/10-30-98	JJ
CPP 003-99	Secretary (Office Automation), GS-318-7 (g.p. to GS-8)	"	10-19-98/10-28-98	OP
CPP 002-99	Secretary (Office Automation), GS-318-7 (g.p. to GS-8)	"	10-19-98/10-28-98	DP

Applicants must submit an application (OF 612, Optional Application for Federal Employment, or the KSC Form 13-283, Short Form) for these positions. Applications should be submitted to Human Resources Policy, Development and Operations Branch (HM-A-3), HQ, Room 1404. (HM-A-3)

**AUTHENTICATED:**



KSC Recycles

Audrey Lee Silipo, Center Services (FF-S2-A)

**KITCHEN SAFETY—IF A FIRE STARTS IN A STOVE-TOP PAN, COVER IT WITH A LID AND TURN OFF THE HEAT SOURCE.**

U N O F F I C I A L

CAFETERIA MENU FOR WEEK OF OCTOBER 26 THROUGH OCTOBER 30

<b>*MONDAY</b> Cream of Mushroom Soup HEALTHY FARE- Chicken Marinara o/Rice Roast Pork & Sauerkraut Hot Deli Sandwich- Roast Beef	<b>*TUESDAY</b> Cream of Broccoli Soup Hot Roast Turkey Sandwich w/Mashed Potatoes & Gravy HEALTHY FARE- Stuffed Pepper Hot Deli Sandwich- Roast Pork	<b>*WEDNESDAY</b> Green Split Pea Soup Sweet & Sour Pork o/Rice London Broil Hot Deli Sandwich- Corned Beef	<b>*THURSDAY</b> Cream of Tomato Soup HEALTHY FARE- Sauteed Chicken Breast w/Tomatoes & Thyme o/Linguine Beef Stew o/Rice Hot Deli Sandwich- Roast Turkey	<b>*FRIDAY</b> New England Clam Chowder Fried Catfish w/Hushpuppies HEALTHY FARE- Baked Catfish w/Hushpuppies Spaghetti w/Meat Balls Hot Deli Sandwich- Baked Ham
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\*Assorted vegetables, salads, desserts, and beverages available daily. Vegetable soup available daily - bowl \$1/cup .55. Vegetable plate available daily—three vegetables for \$2.10. Each Wednesday and Friday a "Cook's Special of the Day" is available and will be posted in each cafeteria. Menu subject to change due to market conditions or availability.

**NASA EXCHANGE:** Bears! Bears! Bears! Russ Berry bears, dressed for Christmas, have arrived along with Winnie the Pooh and friends picture frames and magnetic pads. Great gifts for Christmas or any occasion. We also have other assorted magnetic note pads including ones for teachers, others with smiley faces, and, of course, the Christmas traditionals like the Snowman, Santa, and Stockings. Tired of the same dreary memos? Try our new Light Up Crystal Stamps. These self-inking, light-up stampers will jazz up your memos with bears, smiley faces, or frogs. Your memos will never be the same!

**KSC EXCHANGE SERVICE STATION:** Lube, oil, and filter—just \$18.95, includes up to 5 quarts of oil, check fluid levels, tires and pressure, belts, hoses, alternator, and battery, and a visual safety check. For appointment, call 453-1254. Towing services are available. Self-service gas pumps open Monday through Friday, 6:30 a.m. to 5:30 p.m. We accept Citgo and all major credit cards.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS:** Repos located at the Merritt Island office. 7.5% on '95 & '96 vehicles, 8% on '94 and older vehicles. 1991 Eagle Talon, \$3995; 1992 Ford XLT F150, 4x4, \$7995; 1991 Ford Explorer, \$4500; 1990 Chevy C1500, 5-speed, \$6995; 1994 Acura Vigor, 4-door, \$11,500; 1997 Mazda pickup SE B2300, A/T, \$8995. Call: 455-9400, ext. 251.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION:** The 36th Annual Meeting of the membership of Kennedy Space Center Federal Credit Union will be held Wednesday, February 17, 1999, with voting being held from 4:30 p.m. to 5:15 p.m. Voting at all KSCFCU branches will be February 16, 1999, from 10 a.m. to 4 p.m.

**KSC EXCHANGE HAIRSHOPS:** Is it time for a “New Look,” or a trim or to freshen up for Fall? Come browse through our style books for a “free” consultation. Our staff can perform all your hair needs. We provide the latest in styles; Regular haircuts, braids, colors, perms, beard trims, flat-tops, and the “Executive” or “Razor” cuts. Call 867-7077, HQ, Rm. 1250, and ask for Joyce, or call 861-3026, OSB, Rm. 1118, and ask for Fred or Raquel.

**BREVARD COMMUNITY COLLEGE:** BCC currently has openings for instructors at KSC/CCAS for both evening and day classes in Logistics, Mathematics and Psychology. A Masters Degree is required of instructors. For more information, interested individuals should call the BCC office at KSC, 449-5046.

**EMBRY-RIDDLE AERONAUTICAL UNIVERSITY:** ERAU will be offering a new masters degree program beginning in January 1999. The Master of Science in Industrial Optimization will provide an opportunity for engineers and scientists to develop practical skills in design-ing and improving aerospace systems and processes. The program will use aerospace case studies (including shuttle and space station systems) and application software to develop and apply these skills using statistics, optimization, and quality. ERAU is now accepting applications for the MSIO program. For more information, call Dr. Debbie Osborne at 904-226-7688 or visit our website at <http://erau.db.erau.edu>.

**NASA KENNEDY MANAGEMENT ASSOCIATION (NKMA):** Looking for an opportunity to develop leadership and managerial skills? Looking for a place to meet Kennedy decision makers? Looking for a place to grow? For more information, visit our website at <http://nkma.ksc.nasa.gov> to find out about upcoming activities.

**KARS FLAG FOOTBALL:** A League organizational meeting is scheduled for Tuesday, November 3, 1998, at 4 p.m. in OSB, Room 2318. For additional information, call Butch Cabe, 861-4584.

**KSC TOASTMASTERS:** Toastmasters is not for experienced speakers, though you'll find a few around. Toastmasters is for the rank amateur who needs communication skills to get ahead. KSC Toastmasters meets every Wednesday at 11:15 a.m. in the BOC Central Supply Warehouse west end conference room. Contact Liz Stryjewski, Bill Bender, or Dian Hardison for more information. LC-39 club meets every 1st and 3rd Wednesday at 11:45 a.m. in OSB, Room 5308. Call Mike Schnoke or Jack Jamba.

**AMERICAN EXPRESS TRAVEL:** Disney cruise line's Sunshine Getaway for the winter—3-night cruise to Bahamas from \$424 for adults and \$179 for children—includes port charges! Valid between January 4, 1999 through March 15, 1999. Prices subject to availability. For information, call American Express Leisure Office at 867-3927 or 853-9528.

**SPACEPORT GUN CLUB:** The Spaceport Gun Club is offering the NRA Personal Protection Course Saturday, November 7, at KARS Park I, Merritt Island, 2 miles north of the barge canal bridge, turn east off SR 3. Session is at the clubhouse, 8:30 a.m. to 5:30 p.m. Class size limited on first-enroll basis. Class fee \$25. To sign up for class or additional information, call John Czere at 631-8637(h) or Bruce Laubenheimer at 783-1586(h). Students will be required to furnish: 1.) Handgun properly cased for transportation (NOTE: No caliber larger than 45); 2.) 78 rounds of factory loaded ammunition; 3.) Eye protection (glasses); 4.) Hearing protection.

**PERSONALITY PREFERENCE TESTING:** Robin Lusardi of our CTAP office is certified to administer and interpret **The Myers-Briggs Type Indicator** evaluation. Discover the real YOU! Capitalize on your personality type and communication skills. She will also meet with work groups to discuss how working productively and smoothly requires an understanding of ourselves as well as our co-workers. To take advantage of this opportunity, call Robin at CTAP, 867-4350.

**CTAP:** The Career Transition Assistance Program is available to assist the KSC NASA employee. Support areas include resume writing, interviewing, job search activities, starting your own business, consulting, and many other self-help programs designed to assist you. We also have a reference area with many key publications and a computer lab loaded with special software and direct links to the “net.” Co-located as part of the CTAP team is an Employment Specialist from the Florida Department of Labor who can assist in using the computer-ized Florida Job Information System. CTAP is located in HQ, Room 1355, 7:00 a.m. to 3:30 p.m. You may also reach us through the NASA KSC homepage (see: PERSONNEL/CTAP). Whether you are interested in individual counseling, dynamic workshops, or “surfing on your own,” CTAP can help! Call our office at 867-4350 today for further information.

P E R S O N A L

CARPPOOLS

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.  
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.  
Vanpool seats: Satellite Beach/Cocoa Beach/Cape Canaveral to LC-39 Area, 7:00-3:30, Wendy, 861-6001/773-5822.  
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAFS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.  
Vanpool seats: N. Melbourne/Eau Gallie via U.S. 1 to KSC Industrial Area, 7:30-4:00, Don, 867-4634.  
Vanpool seats: Palm Bay/Melbourne/Viera to KSC Industrial Area, 7:00-3:45, Steve, 867-3812/724-5436.  
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 876-4500/676-2533.  
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Budgetel Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-3898/984-3861.  
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2487/952-8840.  
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9805/722-3649.  
Vanpool seats: Rockledge/Cocoa Areas to KSC, 6:45-3:30, home pickup possible, Richard, 867-2380/639-2974.  
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.  
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.  
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 273-3048.  
Vanpool seats: Orlando/Conway Industrial Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.  
Vanpool seats: Orlando/West 50 & Hiawatha/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.  
Vanpool seats: West 50 & Hiawasse/Alafaya to KSC Headquarters Area/CCAS, 7:00-3:45, Earl, 853-4656.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Don, 867-7470/365-0586.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride/Bithlo to KSC Industrial Area, 7:00-3:30, David, 867-7138.  
Vanpool seats: E. Colonial/Hwy. 50 to KSC Industrial Area, 8:00-4:30, Mai, 867-3697/381-0183.  
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-4054/277-8997.  
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.  
Carpool: E. Colonial/Alafaya to VAB/OSB/HQ/O&C Areas, 8:00-4:30, Kim, 867-3911/380-8787.  
Carpool: E. Colonial to VAB Area, 7:30-4:00, Russ, 861-5124/677-8628.  
Carpool: Melbourne to KSC Industrial Area, Dominguez, 867-3072/952-9460.  
Carpool: New Smyrna to KSC Industrial Area, 7:30-4:00, 4th member needed, Brady, 867-3961/426-2203.  
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.  
Ride needed/form carpool: N. Melbourne/Indialantic/Satellite Beach to CCAS/LOCC/CX36, 7:00-3:30, Cyrus (Siroos), 853-3361/259-5641.  
Ride needed/form carpool: Palm Bay/Melbourne to KSC Industrial Area, 7:00-3:30, Lisa, 867-2400/242-2817.  
Ride needed/form carpool: Rockledge, Levitt Park to VAB Area, 7:00-3:30, non-smoking, Betty, 867-2326/636-3175.  
Ride needed/form carpool: Titusville, Highway 50 and Barna to HQ/O&C Areas, non-smoker, 7:00-3:30, flexible, Zeitlin, 861-7909/269-2695.  
Rider needed: E. Orlando Area to VAB Area, 7:30-4:00, Russ, 1-5123/677-8628.  
Rider needed: Oviedo/Winter Springs Area to KSC Industrial Area, 7:00-4:30, (5/4/9), Sandy, 867-4057/359-0169.

GARAGE SALE

Garage sale: October 23-24, 8:30-2:30, Canaveral Groves, 4732 W. Little Court, sofa/loveseat, lawnmower, household items, clothing, Hall, 631-0904.  
Garage sale: October 30-31, 8-1, Cocoa Beach, 284 Curacau Drive, items for all ages, Sumner, 799-2133.  
Garage sale: October 24, 8-4, Merritt Island, 1770 Dogwood Drive, Carlton Groves, furniture, clothing, household, air hockey, Christmas items, 453-8925.  
Garage sale: October 24, 9-?, Merritt Island, 1600 Davis Drive, toys, clothing, household items, electronics, miscellaneous, 454-4419.  
Garage sale: October 24, 8-?, Port St. John, 4490 Comfort Street, baby items, clothing, household items, miscellaneous, Conklin, 638-8921.  
Garage sale: October 24, 8-12, Rockledge, 1311 Sequoia Place, Heritage Acres, clothing, toys, household items, Robert, 633-4969.  
Garage sale: October 24, 8-3:30, Titusville, 5858 Deer Trail, Windover Farms, furniture, patio furniture, dishes, motorcycle items, Quigg, 268-8167.  
Garage sale: October 23-25, Titusville, LaCita subdivision.  
Garage sale: October 23-24, 8-1, Titusville, 847 Trailwood Avenue, Tanglewood Estates, furniture, appliances, children's clothing/toys, computer, 383-7575.

REAL ESTATE FOR SALE

House: Cocoa, 3-B/R, 1-bath, 1368 sq. ft., 1 1/2 car garage, enclosed Florida room, \$5000 down, assume 6.4% fixed, monthly payments of \$456, 638-4557.  
House: Port St. John, 3-B/R, 2-bath, detached 2-car garage/workshop, newly remodeled, 1/3 acre corner, 1650 sq. ft., vaulted ceilings, \$84,900, 631-0077.  
House: Port St. John, 3-B/R, 2-bath, 1 1/2 car garage, 18' x 35' pool, corner lot, appliances, 3 ceiling fans, screened porch, \$82,900, Cook, 633-0781.

**REAL ESTATE FOR SALE** (Continued)

House: N. Titusville, 1300 sq. ft., built in 1991, well, automatic lighting, fenced yard, extras, \$83,900, Flynn, 264-3371.  
House: Titusville, Lantern Park, 3-B/R, 2-bath, family/living/dining room, fireplace, new carpet, appliances, 1898 sq. ft., \$89,900, Kulchak, 268-5785.  
Townhouse: Titusville, Meadows South, 2-B/R, 2-bath, screened porch, ceiling fans, appliances, end unit, \$43,900, 383-9095, after 5 p.m., leave message.  
Lot: N. Merritt Island, new development, gated community, cul-de-sac, cleared, ready to build, \$20,500/B.O., Michelle, 454-1734, leave message.

**AUTOMOBILES & RV'S FOR SALE**

1965 Mustang coupe, 289, A/T, Pony interior, A/C, styled steel wheels, \$5500/B.O., Jeff, 784-6584.  
1965 Volkswagen bug, will sell for parts, \$300, Berman, 454-4639, daytime, or leave message.  
1969 Volkswagen beetle, new rebuilt engine (1642cc), \$1800, Kane, 267-5320.  
1979 Toyota 4wd wood's truck, needs transmission, runs, \$800/firm, Martin, 617-9051.  
1982 GMC SWB stepside pickup, 305, A/T, 50,000 miles on motor and transmission, \$1800/B.O., 639-8865.  
1985 Plymouth Voyager, \$1000, Jim, 268-2695.  
1985 Nissan king cab, 4wd, deluxe, A/C, good tires, \$3500, 633-0514.  
1986 Honda Civic DX hatchback, 93,000 miles, \$1500/B.O., 639-4071.  
1986 Acura Integra LS, 4-door, 5-speed, A/C, all power, runs good, \$1100/B.O., Ramos, 823-7655.  
1986 Nissan pickup, 5-speed, A/C, new red paint, \$1600, Holloway, 632-2709.  
1987 Ford Tempo, A/C, P/S, P/B, new tires/struts/muffler/brakes, records kept, \$1200/B.O., Curtis, 264-7484, after 5 p.m.  
1987 Chevy Nova, A/C, AM/FM radio, cassette player, good body, \$725, 269-3163.  
1988 Honda Civic LX, 4-door, sedan, A/C needs work, P/L, P/S, P/W, white, \$2500, Silva, 268-0914.  
1989 Toyota Corolla sport coupe, SR5, 150,000 miles, \$3000/B.O., Steve, 359-0169, after 6 p.m.  
1989 Silverado Suburban 2500, 4wd, hitch towing package, replaced A/C, dark blue, tinted windows, excellent condition, wholesale, Locklair, 453-6591.  
1990 Ford Aerostar van, A/C, fully loaded, AM/FM/cassette, runs great, \$4000, Davis, 632-4170.  
1991 Acura Legend, 2-door, coupe, 10-disc CD changer, black/black leather, 108,000 miles, \$9900/B.O., Jeff, 253-4049.  
1992 GMC Sonoma, SLE package, Eitel, 799-0341, after 5 p.m.  
1993 Ford Ranger, 4-cylinder, 5-speed, new tires/rims/paint/exhaust, teal, tinted windows, tow hitch, more, clean, non-smoker, \$5800/B.O., 264-0841.  
1993 Lincoln Mark VIII, all options, excellent condition, garaged, all service records, \$9300/B.O., 242-4835.  
1994 Cadillac Deville, 4-door, new tires, burgundy (black cherry), dark red leather, 47,000 miles, garage kept, very nice, \$15,500/firm, Ketcham, 268-0680.  
1995 Buick Riviera, fully loaded, 25,000 miles, 2-year warranty, \$15,600, Leonen, 639-2710.

**HOUSEHOLD FURNISHINGS FOR SALE**

Antique dining room chairs, 5 each, solid oak, need work, \$60, 783-0808.  
Loveseat, sofa, off white, like new, \$400/B.O., Kalli, 636-2125, after 4 p.m.  
King headboard, dresser, nightstand, \$150, Martin, 617-9051.  
Waterbed, bookcase headboard, 6 large drawers, \$99, Vycital, 264-0652, after 5 p.m. M-F, or leave message.  
Entertainment center, whitewashed, glass door, \$75; computer desk w/hutch, 2 drawers, \$50; 3-shelf bookcase, \$20; 2 barstools, \$20/each, 259-3560.  
Sofa, chair, blue country pattern, \$100; off-white sofa w/built-in recliners, \$125, DelMonte, 268-4368.  
Wooden foldable compact black lacquer topped table, 4 folding chairs, \$150, 383-1076.  
Glass topped dining room table, 4 brown velour chairs, \$150, Cook, 633-0781.  
Sofa, loveseat, coffee table, 2 end tables, \$700/B.O., Cook, 633-0781.  
Queen sleeper sofa, tan & peach stripe, \$150/B.O.; computer desk, \$40/B.O.; wooden desk, \$100/B.O., Wood, 459-2283.  
Chest-of-drawers, \$30; computer desk, \$35; bookcase, \$20, Kulchak, 268-5785.  
Girl's French Provincial double canopy bed, dresser w/mirror, chest-of-drawers, nightstand, very good condition, \$400, 264-9699.

**APPLIANCES FOR SALE**

Side-by-side refrigerator/freezer, 20 cu. ft., \$150 Lynda, 267-8710.  
Electric range, white, Thompson, 631-9626.  
Washing machine, like new, \$140, 254-4974, after 6 p.m.

**BOATS & EQUIPMENT FOR SALE**

7' dinghy, fiberglass, needs work, \$70; marine small block Chevy distributor, carburetor, manifold, motor mounts, more, 783-0808.  
12' aluminum V-hull, 1986 15 h.p. Evinrude, trolling motor, trailer, \$1000, Brannen, 267-6865.  
13' DiamondBack airboat, 1995, 7 1/2' width, all new, 0540 just rebuilt, new custom tilt trailer, 6-blade warp drive, \$11,000/firm, Wielepski, 268-2925.  
15' 5" Cobia Sunskiff, center console, 1984, 75 h.p., \$4000/B.O., Martin, 617-9051.  
15' 6" Bonita tri-hull, side console, open bow, deck, good condition, \$5000, Noonan, 452-8468.  
16' Gheenee, livewell, rated 10 h.p., \$200, Eppel, 453-5287.  
17' ski boat, 60 h.p. Johnson, new ignition/water pump/battery, galvanized trailer, \$1000/B.O., Locklair, 453-6591.  
17' Hydrasport bass, 200 h.p. Mercury, needs work, new galvanized trailer, \$3500/B.O., 639-8865.  
19' Gruman canoe, 6 h.p. outboard, \$995, Monday, 269-5265.  
19' Wellcraft sailboat, 1981, trailer, \$2100/B.O.; 1947 Oldtown canoe, wood & canvas, \$1200/B.O., 268-0708.  
1996 2300 SR Maxum bowrider, excellent condition, \$23,900/B.O., Pecorelli, 779-2852.  
1996 Kawasaki ZX11, 12,000 miles, custom paint, never wrecked, recently serviced, mint condition, \$6500/B.O., Winner, 777-8536.  
1996 Wave Raider 700, 2 total, each w/Shorelander trailer, very low hours, very good condition, \$6200, Glenn, 383-0695, after 4:30 p.m.,

**MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE**

Mitsubishi 45" rear projection TV, very good condition, quality picture, like new, oak cabinet w/doors, \$300, Barry, 452-1502.  
486 DX4 100 computer, monitor, 20 Mb RAM, CD ROM, speakers, \$350, Kindred, 449-9803.  
Sega Saturn, lots of games, \$75, Jenkins, 268-2309.  
Child's drum set, \$30; snare drum, \$40; Super Nintendo, 13 games, super pad controller, \$170, Odham, 267-5242.  
Kirby vacuum w/attachments, very good condition, \$99, Vycital, 264-0652, after 5 p.m. M-F, or leave message.  
Quasar VHS camcorder, full sized, new battery, case, \$275/B.O., 639-8865.  
Electronic videodisk for RCA videodisk player, 6 total, B.O., Bober, 633-5067.  
486 computer, 15" screen, 8 Mb, 33 MHz, 120 Mb H/D, mouse, keyboard, WIN 3.1, \$200/B.O., 383-1076.  
Nintendo, zipper gun, 32 games, \$35/B.O., Bidwell, 269-8393.  
1997 Fender Bullet guitar amp w/spring reverb, 15w, 8" HD speaker, like new, \$100, Dave, 383-1593.  
Zenith 27" cable ready remote console TV, glass doors, excellent condition, \$290, Glover, 633-7699.

**MISCELLANEOUS FOR SALE**

4-in-1 bulk candy vending machines, \$150/B.O., Bill, 264-2501, after 4 p.m.  
Lifestyle system 40 cross-training system, 100 pounds, 40+ exercises, \$100; folding stainless steel travel bicycle, \$150, Jeff, 453-3503, after 5 p.m.  
4-bolt main Chevy 350 motor, \$300; 350 Chevy transmission, \$75; riding lawnmower garden trailer, \$100; fertilizer spreader, tow type, \$45, 268-0708.  
Parkway dive regulator, 1st & 2nd stage, \$70, 783-0808.  
Men's 10-speed bicycle, \$30; wedding dress, ivory, elaborate, \$300; wedding cake topper w/cherubs & hearts, \$30, Lynda, 267-8710.  
Sears Lifestyle treadmill, 0-8 mph, \$100, Doug, 635-8611, after 5 p.m.  
Racing go-carts, 1 shadow chassis, 1 MRC chassis, Briggs engine, extras; Edelbrock Performer 750 cfm carb., electric choke, new, \$200, Parris, 267-4113.  
NordicTrack Pro cross-country ski machine, \$200, 633-0514.  
Craftsman wood lathe, mounted on rollaround cabinet, accessories, \$500, Scott, 453-5415.  
Pickled oak banister, really nice, Thompson, 631-9626.  
Climbing tree stand, manufactured by Strong Bilt, excellent condition, \$65, Dave, 904-423-8329, after 6:30 p.m.  
His & hers scuba gear: Sherwood & Scuba Pro, extras, \$450/each, Mike, 639-9938.  
Men's RS 1000 speed skates, size 7, excellent condition, \$125; O'Neill spring wetsuit, size 16, like new, blue/black, \$65, Odham, 267-5242.  
Weight bench, complete set, steel weights, \$50, Martin, 617-9051.  
Sears 22" electric start lawnmower, w/attachments, \$110, Vycital, 264-0652, after 5 p.m. M-F, or leave message.  
Little Tykes castle, \$150; Little Tykes large activity gym, \$25, Summers, 268-0154.  
Sears Craftsman self-propelled lawnmower, 6 h.p., new 2/96, good condition, \$175, Rafford, 723-9459.  
Golf clubs: Wilson staff tour blades, 3-PW, Persimmon woods, new grips, bag, putter, \$300, 639-8865.  
Chevy truck flatbed, well built, \$150; van roof rack, full length, commercial, \$150, Tom, 264-3266.  
Snapper 36" hydraulic commercial lawnmower, includes sulky w/seat, steel bagger, cage, blades, \$2200, Roberts, 268-3567.  
Portable Huffu basketball goal, like new, \$100; treadmill, \$100; 4' x 8' utility trailer, tilts, \$400, Roberts, 268-3567.  
1981 GS450 gas tank & chrome fender, new, B.O., Flynn, 264-3371.  
Bed mat for full sized Ford, \$25, John, 639-1775.  
Dash cover for Volkswagen Passat, gray, \$10, 383-1076.  
Spanish castnet, 16', handmade, \$100/firm, Seaman, 267-2482.  
Riding lawnmower, \$150/B.O., Wood, 459-2283, leave message.  
Sears Lifestyle 2000 combo rowing machine, \$20, 268-5785.  
Pinnacle golf balls, 3/15 count boxes, new, \$35, Eric, 267-8086.  
Murray 22" lawnmower, 3.5 h.p., w/dethatcher, \$50/B.O., Bidwell, 269-8393.  
Set of original Japanese paintings, four seasons, \$100; Ford Ranger rear bumper, grill, I-beams, Derbyshire, 453-6795.

**MISCELLANEOUS WANTED**

French Horn tutor; Utility trailer; winter ski clothing, boys 16, ladies S/M; Nintendo 64, Game Gear, Game Boy games, Jenkins, 268-2309.  
Go-cart, 2-seater w/live axle, Conner, 269-5514.  
Aggressive tread truck tires, 33 x 15; canoe, 14' or shorter, 2 seats, Rogers, 678-8130.  
Chest-of-drawers, solid wood, Martin, 617-9051.  
Plastic kayak, 2 total, good condition, 454-3659.  
15" turbine fin or 10-hole rims for 1987/1992 Mustang GT or LX, set of 4 w/center caps, 4 lug, good condition, with or w/o tires, Bruno, 633-6062.  
Rental of RV, Goodin, 784-6690.  
Aluminum prop, 17 pitch, for 1996 75 h.p. Mercury outboard, new, reasonably priced, 453-9690.  
Child's swing/jungle gym, reasonably priced, Michael, 631-8291.

**FOR SALE OR TRADE**

1950 console TV for tube home intercom repair, Jeff, 453-3503, after 5 p.m., or leave message.



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